

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-37. (Cancelled)

38. (Currently amended) an apparatus, comprising:

a stylus configured to be manipulated against a surface and configured to be held in a hand of a user:

a sensor configured to send at least one sensor signal[[s]] to a host computer based on a coordinate position of the stylus against the surface; and

an actuator disposed within the stylus and configured to apply a haptic ~~feedback from the stylus against the surface~~ sensation in response to the at least one sensor signal indicating the stylus at a designated coordinate position.

39. (Previously presented) The apparatus of claim 38, wherein the actuator is configured to modify the length of the stylus.

40. (Previously presented) The apparatus of claim 38, further comprising a power source disposed within the stylus.

41. (Previously presented) The apparatus of claim 40, wherein the power source includes a battery.

42. (Previously presented) The apparatus of claim 38, wherein the actuator is configured to produce at least one of a plurality of force sensations, the plurality of force sensations including a vibration, a jolt, a texture, and a constant force.

43. (Previously presented) The apparatus of claim 38, wherein the actuator includes a voice coil.

44. (Previously presented) The apparatus of claim 38, wherein a tip portion of the stylus member includes a rotatable ball.

45. (Previously presented) the apparatus of claim 44, wherein the actuator is configured to apply resistance against the rotatable ball.

46. (Previously presented) The apparatus of claim 44, wherein the actuator is a solenoid.

47. (Previously presented) The apparatus of claim 38, wherein the actuator is configured to vibrate.

48. (Previously presented) The apparatus of claim 38, wherein the sensor is disposed within the surface.

49. (Currently amended) An apparatus comprising:
a stylus;

a sensor in communication with a host computer, the sensor configured to detect a coordinate position of the stylus against a surface; and

an actuator coupled to the stylus, the actuator configured to vibrate in response to the sensor detecting the coordinate position of the stylus at a designated location at the surface.

50. (Previously presented) The apparatus of claim 49, wherein a modulated force is applied to a rotating member of the stylus.

51. (Previously presented) The apparatus of claim 50, wherein the rotating member is a rotatable ball against which the modulated force is applied.

52. (Previously presented) The apparatus of claim 51, wherein the stylus is configured to be held in a hand.

53. (Currently amended) The apparatus of claim ~~[[52]]~~ 49, wherein a tip portion of the stylus includes the rotatable ball configured to contact the surface.

54. (Currently amended) The apparatus of claim ~~[[52]]~~ 49, wherein the actuator is a solenoid.

55. (Currently amended) A method for applying a haptic effect to a stylus comprising:
sensing a coordinate position of a stylus against a surface to produce a sensed signal;
sending a coordinate position signal to a host computer, the coordinate position signal associated with ~~based on~~ the sensed signal; and

applying a ~~modulated~~ force from an actuator to the stylus in response to the coordinate position signal indicating the stylus being at a designated location at the surface.

56. (Cancelled)

57. (Currently amended) The method of claim [[56]] 55, wherein the stylus ~~member~~ includes a rotatable ball in a tip portion ~~of the stylus member~~, the actuator being configured to apply the ~~modulated~~ force to the rotatable ball.

58. (Previously presented) The apparatus of claim 38, wherein the actuator is configured to produce a plurality of force sensations, the plurality of force sensations consisting of: a vibration, a jolt, a texture, and a constant force.

59. (New) The method of claim 55, wherein the force comprises at least one of a vibration, a jolt, a texture, a modulated force, and a constant force.